

DEPARTMENT OF MECHANICAL ENGINEERING

Summary of Journal Publications

S. No.	Title of paper	Name of the author/s	Department of the Teacher	Name of journal	Year of publication	ISSN number	Is it listed in UGC Care list
1	Enhancement of incremental forming process formability by using improved clamping and multi-stage deformation strategies	Dr. Narinder Kumar	Mechanical Engineering	The International Journal of Advanced Manufacturing Technology	2023	0268-3768	Yes
2	Static and dynamic mechanical behavior of intra-hybrid jute/sisal-reinforced polypropylene composites: Effect of stacking sequence	Dr. Saurabh Chaitanya	Mechanical Engineering	Polymer Composites	2024	1548-0569	Yes
3	Ultrasonic Pulse velocity of recycled Polymer concrete composites	Dr. Sachin Mohal	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
4	Experimentation on HCHCr steel using vegetable oil as dielectric in EDM	Dr. Saurabh Chaitanya	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
5	To examine the effect of input parameters of rotary EDM on surface roughness of cryogenically treated Monel 400	Dr. Amresh Kumar	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
6	Effect of processing conditions and electrode materials on the surface roughness of EDM-processed hybrid metal matrix composites	Dr. Hardeep Singh	Mechanical Engineering	International Journal of Lightweight Materials and Manufacture	2024	2589-7225	Yes



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7	"Formability Analysis of Steel and Copper Based Alloy Sheet by Using Erichsen Cupping Test Machine"	Dr. Narinder Kumar	Mechanical Engineering	Journal of Polymer & Composites	2023	2321–2810	Yes
8	Experimentation on HCHCr steel using vegetable oil as dielectric in EDM	Dr. Rachin Goyal	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
9	Experimentation on HCHCr steel using vegetable oil as dielectric in EDM	Dr. Sanjeev Kumar	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
10	Fabrication and analysis of a novel and sustainable set-up for safe and economic hydrotherapy	Dr. Saurabh Chaitanya	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2024	0954-4089	Yes
11	Study the effect of EDM parameters on surface roughness of Cryogenically treated AISI 304 steel	Amresh Kumar Panjla	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
12	Experimentation on HCHCr steel using vegetable oil as dielectric in EDM	Dr. Satish Kumar	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
13	Development of High Pressure Cold Spray Coatings of Tungsten Carbide Composites	Harvinder Singh	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
14	Experimental investigation of WC-12Co cold sprayed: substrate hardness, bonding mechanism, powder type	Harvinder Singh	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
15	Impact of operating parameters on electric discharge machining of cobalt-based alloys	Harvinder Singh	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
16	Parametric optimization and wear analysis of AISI D2 steel components	Harvinder Singh	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes



17	Experimentation on HCHCr steel using vegetable oil as dielectric in EDM	Saurabh Chaitanya	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
18	Experimentation on HCHCr steel using vegetable oil as dielectric in EDM	Rachin Goyal	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
19	Parametric Evaluation of PMEDM for the Machining of Inconel-800 Using Response Surface Methodology	Rahul Mehra	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
20	Ultrasonic Pulse velocity of recycled Polymer concrete composites	Sachin Mohal	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
21	Parametric Evaluation of PMEDM for the Machining of Inconel-800 Using Response Surface Methodology	Sanjeev Kumar	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
22	Experimentation on HCHCr steel using vegetable oil as dielectric in EDM	Sanjeev Kumar	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
23	An Experimental Analysis on Performance of CI Engine Fuelled with Eucalyptus Oil	Santosh Kumar	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
24	Impact of operating parameters on electric discharge machining of cobalt-based alloys	Santosh Kumar	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
25	Parametric optimization and wear analysis of AISI D2 steel components	Santosh Kumar	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
26	A Review on Surface Modification Techniques	Santosh Kumar	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
27	Parametric Evaluation of PMEDM for the Machining of Inconel-800 Using Response Surface Methodology	Satish Kumar	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes



28	Experimentation on HCHCr steel using vegetable oil as dielectric in EDM	Satish Kumar	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
29	A Review on Surface Modification Techniques	Swarn Singh	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
30	Development of High Pressure Cold Spray Coatings of Tungsten Carbide Composites	Rajdeep Singh	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	Yes
31	Jet-impinged based solar air heating system: An overview of flow dynamics and heat transfer phenomena	Dr. Rajneesh Kumar	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	Yes
32	First and second order analysis of functionally graded composite material	Dr. Rajneesh Kumar	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	Yes
33	First and second order analysis of functionally graded composite material	Dr. Rajesh Sharma	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	Yes
34	Fabrication of hybrid metal matrix composites (HMMCs) – A review of comprehensive research studies	Dr. Amresh Kumar	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	Yes
35	Finite element analysis of dental implant surgical guides	Dr. Varun Arora	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	Yes
36	Tool electrode considerations in EDM of titanium alloys – A review	Dr. Amresh Kumar	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	Yes
37	Jet-impinged based solar air heating system: An overview of flow dynamics and heat transfer phenomena	Dr. Rajesh Sharma	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	Yes
38	First and second order analysis of functionally graded composite material	Dr. Sanjeev Sharma	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	Yes



39	Finite element analysis of dental implant surgical guides	Mr. Aneesh Goyal	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	Yes
40	Microstructural and Mechanical Characterization of a Cold-Sprayed WC-12Co Composite Coating on	Harvinder Singh	Mechanical Engineering	Journal of thermal spray technology	2022	1059-9630	Yes
41	Microstructural and Mechanical Characterization of a Cold-Sprayed WC-12Co Composite Coating on	Rajdeep Singh	Mechanical Engineering	Journal of thermal spray technology	2022	1059-9630	Yes
42	A novel design for solar collector used for water heating application having nanofluid as working medium: CFD modeling and simulation	Periapattana Nagaraj Hrisheekesha	Mechanical Engineering	Environmental Science and Pollution Research	2022	1614-7499	Yes
43	A novel design for solar collector used for water heating application having nanofluid as working medium: CFD modeling and simulation	Rajneesh Kumar	Mechanical Engineering	Environmental Science and Pollution Research	2022	1614-7499	Yes
44	Identification of barriers and drivers to implementation of solar drying technologies	Rajneesh Kumar	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2022	1588-2926	Yes
45	A novel hybrid approach to improve the performance of the solar collector: combined effect of roughness and duct modification	Rajneesh Kumar	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2022	1556-7036	Yes



46	Computational analysis on solar air heater with combination of alternate dimple protrusions and intrusions on absorber plate with one rounded corner triangular duct	Rajneesh Kumar	Mechanical Engineering	Environmental Science and Pollution Research	2022	1614-7499	Yes
47	A novel design for solar collector used for water heating application having nanofluid as working medium: CFD modeling and simulation	Rajesh Sharma	Mechanical Engineering	Environmental Science and Pollution Research	2022	1614-7499	Yes
48	Analysis of wire electrode wear ratio during WEDM of Al-metal matrix composite	Amresh Kumar Panjla	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	Yes
49	To evaluate the effect of boron carbide (B4C) powder mixed EDM on the machining characteristics of INCONEL-600	Dr. Satish Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
50	To evaluate the effect of boron carbide (B4C) powder mixed EDM on the machining characteristics of INCONEL-600	Dr. Sanjeev Sharma	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
51	An overview of various applications of cold spray coating process	Dr. Rajdeep Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
52	Recent advancements in abrasive flow machining and abrasive materials: A review	Dr. Rajdeep Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes



53	Recent advancements in abrasive flow machining and abrasive materials: A review	Mr. Aneesh Goyal	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
54	Recent advancements in abrasive flow machining and abrasive materials: A review	Mr. Swarn Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
55	Unconventional solar air heater with triangular flow-passage: A CFD based comparative performance assessment of different cross-sectional rib-roughnesses	Dr. Rajneesh Kumar	Mechanical Engineering	Renewable Energy	2021	0960-1481	Yes
56	Analyzing the response of submerged arc welding process parameters on Form factor and dilution	Dr. Saurabh Chaitanya	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
57	Mechanical properties assessment of TIG welded SS 304 joints	Ms. Aishna Mahajan	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
58	Role of hydrogen and its implications to decarbonise India	Dr. Rachin Goyal	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
59	A systematic review on recent advancements in Abrasive Flow Machining (AFM)	Dr. Saurabh Chaitanya	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
60	An overview of various applications of cold spray coating process	Mr. Harvinder Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
61	Decision on the range of peak current during cryogenically assisted electric discharge machining process	Mr. Aneesh Goyal	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes

62	Artificial neural network based modeling to predict micro-hardness during EDM of cryo-treated titanium alloys	Dr. Satish Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
63	Effect of different types of reinforcement on tribological properties of aluminium metal matrix composites (MMCs) – A review of recent studies	Mr. Rajwinder Singh Gill	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
64	A systematic review on recent advancements in Abrasive Flow Machining (AFM)	Dr. Santosh Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
65	A review on machining performance of AISI 304 steel	Dr. Amresh Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
66	Analyzing the response of submerged arc welding process parameters on Form factor and dilution	Dr. Sachin Mohal	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
67	Numerical approach for solution of fluid and heat transfer coupled problem through porous media	Dr. Manjit Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
68	To evaluate the effect of boron carbide (B4C) powder mixed EDM on the machining characteristics of INCONEL-600	Dr. Manjit Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
69	Decision on the range of peak current during cryogenically assisted electric discharge machining process	Dr. Saurabh Chaitanya	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
70	Mechanical properties assessment of TIG welded SS 304 joints	Mr. Satish Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes



71	A comprehensive parametric investigation of hemispherical cavities on thermal performance and flow-dynamics in the triangular-duct solar-assisted air-heater	Dr. Rajneesh Kumar	Mechanical Engineering	Renewable Energy	2021	0960-1481	Yes
72	Recent advancements in abrasive flow machining and abrasive materials: A review	Mr. Harvinder Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
73	To evaluate the effect of boron carbide (B4C) powder mixed EDM on the machining characteristics of INCONEL-600	Dr. Rajdeep Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
74	Numerical approach for solution of fluid and heat transfer coupled problem through porous media	Mr. Ravinder Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
75	Friction stir welding: Types, merits & demerits, applications, process variables & effect of tool pin profile	Dr. Santosh Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
76	A systematic review on recent advancements in Abrasive Flow Machining (AFM)	Mr. Swarn Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
77	To evaluate the effect of boron carbide (B4C) powder mixed EDM on the machining characteristics of INCONEL-600	Dr. Rajesh Sharma	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes



78	Analyzing the response of submerged arc welding process parameters on Form factor and dilution	Dr. Amresh Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
79	Artificial neural network based modeling to predict micro-hardness during EDM of cryo-treated titanium alloys	Dr. Rajesh Sharma	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
80	Artificial neural network based modeling to predict micro-hardness during EDM of cryo-treated titanium alloys	Dr. Rajdeep Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
81	Recent advancements in abrasive flow machining and abrasive materials: A review	Dr. Rachin Goyal	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
82	To evaluate the effect of boron carbide (B4C) powder mixed EDM on the machining characteristics of INCONEL-600	Dr. Pradeep Bishnoi	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
83	Mechanical properties assessment of TIG welded SS 304 joints	Mr. Harvinder Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
84	Numerical approach for solution of fluid and heat transfer coupled problem through porous media	Mr. Gurkirat Bhatia	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
85	Decision on the range of peak current during cryogenically assisted electric discharge machining process	Dr. Amresh Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes



86	Solar air heater having multiple V-ribs with Multiple-Symmetric gaps as roughness elements on Absorber-Plate: A parametric study	Dr. Rajneesh Kumar	Mechanical Engineering	Sustainable Energy Technologies and Assessments	2021	2213-1388	Yes
87	Artificial neural network based modeling to predict micro-hardness during EDM of cryo-treated titanium alloys	Dr. Manjit Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
88	Numerical approach for solution of fluid and heat transfer coupled problem through porous media	Dr. Sachin Mohal	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
89	Friction stir welding: Types, merits & demerits, applications, process variables & effect of tool pin profile	Mr. Harvinder Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
90	Analyzing the response of submerged arc welding process parameters on Form factor and dilution	Dr. Rachin Goyal	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
91	Decision on the range of peak current during cryogenically assisted electric discharge machining process	Dr. Sachin Mohal	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
92	A review on machining performance of AISI 304 steel	Dr. Rajesh Sharma	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
93	Effect of different types of reinforcement on tribological properties of aluminium metal matrix composites (MMCs) – A review of recent studies	Dr. Amresh Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes



94	Analyzing the response of submerged arc welding process parameters on Form factor and dilution	Dr. Manjit Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
95	Mechanical properties assessment of TIG welded SS 304 joints	Dr. Santosh Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
96	Numerical approach for solution of fluid and heat transfer coupled problem through porous media	Dr. Sanjeev Sharma	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
97	A review on machining performance of AISI 304 steel	Dr. Santosh Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
98	Friction stir welding: Types, merits & demerits, applications, process variables & effect of tool pin profile	Mr. Satish Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
99	Artificial neural network based modeling to predict micro-hardness during EDM of cryo-treated titanium alloys	Dr. Sanjeev Sharma	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
100	Numerical approach for solution of fluid and heat transfer coupled problem through porous media	Dr. Satish Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
101	Decision on the range of peak current during cryogenically assisted electric discharge machining process	Dr. Rachin Goyal	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
102	A comprehensive study on the progressive development and applications of solar air heaters	Dr. Rajneesh Kumar	Mechanical Engineering	Solar Energy	2021	0038-092X	Yes

103	Friction stir welding: Types, merits & demerits, applications, process variables & effect of tool pin profile	Ms. Aishna Mahajan	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	Yes
104	A detailed review on research, technology, configurations and application of wire ribs as artificial roughness in rectangular solar air heater duct	Pardeep Bishnoi	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021	0954-4089	Yes
105	Exergetic performance estimation for roughened triangular duct used in solar air heaters.	Rajneesh Kumar	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2021	1388-6150	Yes
106	Thermal analysis of solar air heater by using pebbles as an absorber material	Pardeep Bishnoi	Mechanical Engineering	AIP Proceedings	2021	1551-7616	Yes
107	A Comparative Study on Fracture Parameters of Friction Stir Welded AA5083 using NCORR	Pardeep Bishnoi	Mechanical Engineering	AIP Proceedings	2021	1551-7616	Yes
108	Computational study on the dynamics of drop generation under different ambient conditions	Pardeep Bishnoi	Mechanical Engineering	AIP Proceedings	2021	1551-7616	Yes
109	The role of additive manufacturing for medical applications: A critical review	Rakesh Kumar	Mechanical Engineering	Journal of Manufacturing Process	2021	1526-6125	Yes
110	Experimental investigation for heat and flow characteristics of solar air heater having symmetrical gaps in multiple-arc rib pattern as roughness elements	Rajneesh Kumar	Mechanical Engineering	Experimental Heat Transfer	2021	0891-6152	Yes

111	Optimization of Laser Engraving Process Parameters for the Engraving of Hybrid Glass Fiber Reinforced Plastic (GFRP) Combinations	Dr. Rahul Mehra	Mechanical Engineering	Laser in Engineering	2020	0898-1507	Yes
112	Combating Slurry and Cavitation Erosion of Hydro Turbine Blades –A Study	Rajdeep Singh	Mechanical Engineering	International Journal of Advance Science and Technology	2020	5744-5755	Yes
113	Combating Slurry and Cavitation Erosion of Hydro Turbine Blades –A Study	Harvinder Singh	Mechanical Engineering	International Journal of Advance Science and Technology	2020	5744-5755	Yes
114	Selection of range of pulse duration during cryogenically assisted electric discharge machining	Rachin Goyal	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	Yes
115	Selection of range of pulse duration during cryogenically assisted electric discharge machining	Aneesh Goyal	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	Yes
116	Heat augmented due to array of protrusions on absorber plate in solar heat exchanger	Rajneesh Kumar	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	Yes
117	Selection of range of pulse duration during cryogenically assisted electric discharge machining	Vinod Kumar Rohilla	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	Yes
118	Selection of range of pulse duration during cryogenically assisted electric discharge machining	Amresh Kumar	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	Yes
119	WEDM process parameter optimization for newly developed hybrid Al/(SiC + Gr + Fe ₂ O ₃) –MMC	Amresh Kumar	Mechanical Engineering	Journal of the Indian Chemical Society	2020	0019-4522	Yes



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120	Experimental investigation of augmented thermal and performance characteristics of solar air heater ducts due to varied orientations of roughness geometry on the absorber plate	Pardeep Bishnoi	Mechanical Engineering	Archives of Thermodynamics	2020	1231-0956	Yes
121	Investigation of drop's instability under different transition stages on axisymmetric flow model	Prabhat Kumar	Mechanical Engineering	Computers & Fluids	2020	0045-7930	Yes
122	Microwave-synthesized Mg+ 2 doped jute fibers and their application as a reinforcement in biocomposites	Dr. Saurabh Chaitanya	Mechanical Engineering	Composites Part B: Engineering	2020	1879-1069	Yes
123	Investigation of drop's instability under different transition stages on axisymmetric flow model	Pardeep Bishnoi	Mechanical Engineering	Computers & Fluids	2020	0045-7930	Yes
124	Investigating the influence of WEDM process parameters in machining of hybrid aluminum composites	Amresh Kumar	Mechanical Engineering	Advanced Composite Letters	2020	2634-9833	Yes
125	Impact of n-butanol as an additive with eucalyptus biodiesel-diesel blends on the performance and emission parameters of the diesel engine	Mukesh Kumar	Mechanical Engineering	Fuel	2020	0016-2361	Yes
126	Optimization of Laser Engraving Process Parameters for the Engraving of Hybrid Glass Fiber Reinforced Plastic (GFRP) Combinations.	Sachin Mohal	Mechanical Engineering	Laser in Engineering	2020	0898-1507	Yes

127	Advancements in multi-scale filler reinforced epoxy nanocomposites for improved impact strength: A review	Karanbir Singh	Mechanical Engineering	Critical Reviews in Solid State and Materials Sciences	2020	1040-8436	Yes
128	Optimization of Laser Engraving Process Parameters for the Engraving of Hybrid Glass Fiber Reinforced Plastic (GFRP) Combinations.	Mukesh Kumar	Mechanical Engineering	Laser in Engineering	2020	0898-1507	Yes
129	Experimental study of thermal performance and pressure drop on a solar air heater with different orientations of arc-shape rib roughness	Pardeep Bishnoi	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2020	1588-2926	Yes
130	Optimization and Effect of Reinforcements on the Sliding Wear Behavior of Self-Lubricating AZ91D-SiC-Gr Hybrid Composites	Sandeep Kumar Khatkar	Mechanical Engineering	Silicon	2020	1876-9918	Yes
131	Optimization and Effect of Reinforcements on the Sliding Wear Behavior of Self-Lubricating AZ91D-SiC-Gr Hybrid Composites	Archana Thakur	Mechanical Engineering	Silicon	2020	1876-9918	Yes
132	Tribological Investigation of AZ91/SiC Magnesium Hybrid Composite under Dry, Oil and Nanofluids Lubricating Conditions.	Sandeep Kumar Khatkar	Mechanical Engineering	Silicon	2020	1876-9918	Yes
133	Parametric Optimization of Submerged Arc Welding Process Parameters by Response Surface Methodology	Sachin Mohal	Mechanical Engineering	Materials Today: Proceedings (Elsevier)	2020	2214-7853	Yes



134	Tribological Investigation of AZ91/SiC Magnesium Hybrid Composite under Dry, Oil and Nanofluids Lubricating Conditions.	Archana Thakur	Mechanical Engineering	Silicon	2020	1876-9918	Yes
135	Overview of cold spray coatings applications and comparisons: a critical review	Santosh Kumar	Mechanical Engineering	World journal of Engineering	2020	1708-5284	Yes
136	Parametric optimization of EDD using RSM-Grey-TLBO-based MCDM approach for commercially pure titanium	Rachin Goyal	Mechanical Engineering	Grey Systems: Theory and Application	2020	2043-9377	Yes
137	Experimental investigation of surface crack density and recast layer thickness of WEDMed Inconel 825	Pawan Kumar Nain	Mechanical Engineering	Journal of Computational and Applied Research in Mechanical Engineering	2020	2251-6549	Yes
138	Parametric optimization of EDD using RSM-Grey-TLBO-based MCDM approach for commercially pure titanium	Vinod Kumar Rohilla	Mechanical Engineering	Grey Systems: Theory and Application	2020	2043-9377	Yes
139	Corrosion performance of hydroxyapaite and hydroxyapaite/titania bondcoating for biomedical applications	Tejpreet Singh Bedi	Mechanical Engineering	Material Research Express	2019	2053-1591	Yes
140	Design and fabrication of laser engraving machine	Dr. Rahul Mehra	Mechanical Engineering	IUP Journal of Mechanical Engineering	2019	0974-6536	Yes
141	Simulation Heat Transfer Enhancement in a Laminar Channel Flow with five Built-in Triangular Prisms	Tejpreet Singh Bedi	Mechanical Engineering	International Journal of Management, Technology and Engineering	2019	2249-7455	Yes

142	An evaluation of status of technology push and demand pull practises for sustainable development in manufacturing industries	Anuj Singla	Mechanical Engineering	International Journal of Technology, Policy and Management	2019	1468-4322	Yes
143	Corrosion performance of hydroxyapaite and hydroxyapaite/titania bondcoating for biomedical applications	Rakesh Kumar	Mechanical Engineering	Material Research Express	2019	2053-1591	Yes
144	Corrosion performance of hydroxyapaite and hydroxyapaite/titania bondcoating for biomedical applications	Santosh Kumar	Mechanical Engineering	Material Research Express	2019	2053-1591	Yes
145	Experimental investigation of nanofluids in minimum quantity lubrication during turning of EN-24 steel	Archana Thakur	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology	2019	1350-6501	Yes
146	A Review Study of Cold Spray Coating Process	Rajdeep singh	Mechanical Engineering	Asian Review of Mechanical Engineering	2019	2249 - 6289	Yes
147	To Study the Mechanical Properties of AISI H11 Tool Steel after Heat Treatment	Mr. Aneesh Goyal	Mechanical Engineering	International Journal of Scientific Research in Multidisciplinary Studies	2019	2454-6143	Yes
148	To Study the Mechanical Properties of AISI H11 Tool Steel after Heat Treatment	Rajdeep Singh	Mechanical Engineering	International Journal of Scientific Research in Multidisciplinary Studies	2019	2454-6143	Yes
149	Synthesis of biomedical Ti-25Ni-15Si-10HA alloy by mechanical alloying and spark plasma sintering.	Sachin Mohal	Mechanical Engineering	Journal of Physics: Conference Series	2019	1742-6588	Yes



150	Experimental Study of surface properties and material transfer mechanism in powder mixed electric discharge machining of Ti-6Al-4V	Sanjeev Kumar	Mechanical Engineering	International Journal of Microstructure and Materials Properties	2019	1741-8429	Yes
151	To Study the Mechanical Properties of AISI H11 Tool Steel after Heat Treatment	Harvinder Singh	Mechanical Engineering	International Journal of Scientific Research in Multidisciplinary Studies	2019	2454-6143	Yes
152	Technology Push strategies and their consequences on Sustainable Development in manufacturing industries	Anuj Singla	Mechanical Engineering	International Journal of Process Management and Benchmarking	2019	1460-6739	Yes
153	Performance evaluation and optimization of solar assisted air heater with discrete multiple arc shaped ribs	Rajneesh Kumar	Mechanical Engineering	Journal of Energy Storage	2019	2352-152X	Yes
154	A Review Study of Cold Spray Coating Process	Harvinder Singh	Mechanical Engineering	Asian Review of Mechanical Engineering	2019	2249 - 6289	Yes
155	A Study of Transitions between technology push and demand pull strategies for accomplishing sustainable development in manufacturing industries	Anuj Singla	Mechanical Engineering	World journal of science, technology and sustainable Development	2018	2042-5946	Yes
156	An Examination of effectiveness of technology push strategies for achieving sustainable development in manufacturing industries	Dr. Anuj Singla	Mechanical Engineering	Journal of Science and Technology Policy Management	2018	2053-4620	Yes
157	An empirical examination of critical barriers in transitions between technology push and demand pull strategies in manufacturing organizations	Anuj Singla	Mechanical Engineering	World journal of science, technology and sustainable Development	2018	2042-5945	Yes



158	Technology push and Demand pull practices for achieving sustainable development in manufacturing industries	Anuj Singla	Mechanical Engineering	Journal of Manufacturing Technology Management	2018	1741-038X	Yes
159	Comparative Analysis of Technology push strategies influencing sustainable Development in Manufacturing industries using topsis and VIKOR Technique	Anuj Singla	Mechanical Engineering	International journal for quality Research	2018	1800-6450	Yes
160	Validation of Demand Pull strategies for accomplishing Sustainable Development in manufacturing organizations through Structural Equation Modelling”	Dr. Anuj Singla	Mechanical Engineering	Management Decision	2018	0025-1747	Yes
161	Multi optimization of electric discharge machining parameters for cryogenically treated pure titanium using grey-Taguchi technique.	Dr. Sanjeev Kumar	Mechanical Engineering	Int. J. of Machining and Machinability of Materials	2018	1748-572X	Yes
162	Effect of WEDM parameters on selected performance characteristics during machining of newly developed hybrid Al(SiC + Gr + Fe ₂ O ₃)- MMCs	Dr Amresh Kumar	Mechanical Engineering	International Journal of Research and Analytical Reviews	2018	2348-1269	Yes
163	Evaluating just-in-time implementation implications in an Indian manufacturing industry	Sukhjinder Singh	Mechanical Engineering	International Journal of Process Management and Benchmarking	2018	1741-816X	Yes
164	Experimental Determination of the Effects of Operating Parameters on Surface Roughness in Surface Grinding of Die Steel, Mild Steel and Stainless Steel	Aishna Mahajan	Mechanical Engineering	International Journal of Research and Analytical Reviews	2018	2348-1269	Yes



165	Experimental Determination of the Effects of Operating Parameters on Surface Roughness in Surface Grinding of Die Steel, Mild Steel and Stainless Steel	Satish Kumar	Mechanical Engineering	International Journal of Research and Analytical Reviews	2018	2348-1269	Yes
166	Fatigue Mechanical Life Design-A Review	Mr. Rajwinder Singh	Mechanical Engineering	International Journal of Engineering Research and General Science	2017	2091-2730	Yes
167	Validation of Technology push strategies for achieving sustainable development in manufacturing organization through structural equation modeling	Anuj Singla	Mechanical Engineering	World journal of science, technology and sustainable Development	2017	2042-5945	Yes
168	An Examination of effectiveness of demand pull practices for accomplishing sustainable development in manufacturing industries	Anuj Singla	Mechanical Engineering	Journal of high Technology Management Research	2017	1047-8310	Yes
169	Effectiveness of Sintered Abrasives in Magnetic Abrasive Finishing	Mr. Rajwinder Singh	Mechanical Engineering	International Journal of Advanced in Management, Technology and Engineering Sciences	2017	2249-7455	Yes
170	An Examination of Technology push and demand pull strategies for accomplishing sustainable development in manufacturing organizations	Anuj Singla	Mechanical Engineering	International Journal of Advanced Mechatronics And Robotics	2017	1741-038X	Yes
171	The effects of Demand pull Strategies on Sustainable Development in Manufacturing Industries	Anuj Singla	Mechanical Engineering	International journal of innovation in Engineering and Technology	2017	2319-1058	Yes



172	Study the Parametric Effect of Abrasive Water Jet Machining on Surface Roughness of Inconel 718 using RSM-BBD technique	Dr. Arvind Kumar	Mechanical Engineering	Materials and Manufacturing Process	2017	1532-2475	Yes
173	Review on Signature Recognition using Neural Network, SVM, Classifier Combination of HOG and LBP features	Sangeeta	Mechanical Engineering	International Journal of Science Technology & Engineering(IJSTE).	2017	2349-784X	Yes
174	Fatigue Mechanical Life Design-A Review	Aishna Mahajan	Mechanical Engineering	International Journal of Engineering Research and General Science	2017	2091-2730	Yes
175	Multi objective Parametric optimization using the Grey-Taguchi approach for powder mixed electric discharge machining of grade-II Titanium alloy with cryogenically treated electrodes	Dr. Sanjeev Kumar	Mechanical Engineering	Indian Journal of Engineering and Material Sciences	2017	0971-4588	Yes
176	Effect of Geomagnetic Storms and Their Association with Solar Wind Velocity during 1996-2016	Ajay Vasishth	Mechanical Engineering	International Journal of Scientific Research in Science, Engineering and Technology	2017	2395-1990	Yes